

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A computer system comprising:
a processor coupled to a computer readable storage medium, the computer readable storage medium including
instructions for an operating system, the operating system including
instructions for a database management program, the instructions for the database management program integrated with instructions for a file system, the file system configured to store file data as filestreams and the database management program is configured to generate Items from the file data and expose the Items to a shell of the operating system, a hardware/software interface system configured to manage a plurality of the Items stored in a data store, wherein each of said plurality of Items constitute a constituting discrete storable units of information;
the instructions for the database management program further including
instructions for generating the hardware/software interface system further configured to manage a plurality of Item Folders that constitute an organizational structure for said Items, wherein the Item Folders are themselves Items and each Item Folder includes membership information identifying any relationships with Items;
the instructions for the database management program including instructions for generating a plurality of Categories that constitute an additional organizational structure for said Items, at least one of said Items belonging to at least one of the Categories, wherein each Item in a specific Category includes a common attribute that is described for that specific Category, the Item Folders and the Categories arranged in a directed graph structure, and Categories are themselves Items[[:]]
the hardware/software interface system further configured to generate relationships between a specific Item and a subset of Item Folders of the plurality of Item Folders,
the hardware/software interface system configured to render a user interface that displays the specific Item in each Item Folder of the subset, wherein any modifications to the specific Item in a specific Item Folder of the subset are reflected in each Item Folder of the subset.

2. (Original) The computer system of claim 1 wherein an Item is a member of an Item Folder but is not owned by said Item Folder, such that the deletion of said Item Folder does not automatically result in the deletion of said Item.

3. (Original) The computer system of claim 1 wherein an Item is automatically deleted when it no longer belongs to any Item Folder.

4. (Original) The computer system of claim 1 wherein an Item, when it no longer belongs to any Item Folder, automatically becomes a member of a default Item Folder.

5. (Original) The computer system of claim 1 wherein said Item is automatically deleted when it is a member of only one Item Folder and said Item Folder is deleted.

6. (Original) The computer system of claim 1 wherein said Item, when it is a member of only one Item Folder and said Item Folder is deleted, automatically becomes a member of a default Item Folder.

7. (Original) The computer system of claim 1 wherein each Item is a member of at least one Item Folder but is not owned by said Item Folder, such that the deletion of said Item Folder does not automatically result in the deletion of an Item.

8. (Original) The computer system of claim 1 wherein each said Item is itself automatically deleted when it no longer belongs to any Item Folder.

9. (Original) The computer system of claim 1 wherein each said Item, when each no longer belongs to any Item Folder, automatically become members of a default Item Folder.

10. (Original) The computer system of claim 1 wherein each said Item is itself automatically deleted when it is a member of only one Item Folder and said Item Folder is deleted.

11. (Original) The computer system of claim 1 wherein each said Item, when each is a member of only one Item Folder and said Item Folder is deleted, automatically become members of a default Item Folder.

12. (Canceled)

13. (Previously presented) The computer system of claim 1 wherein a Category is defined by an Item property.

14. (Original) The computer system of claim 13 wherein one of said plurality of Categories is defined by an Item property, and only an Item comprising the Item property for a specific Category from among said plurality of Categories can be a member of said specific Category.

15. (Original) The computer system of claim 14 wherein an Item comprising the Item property for one of said plurality of Categories is automatically a member of that one of said plurality of Categories.

16. (Original) The computer system of claim 15 wherein an Item comprising one or more Item properties corresponding to one or more Categories of said plurality of Categories is automatically a member of each such Categories for said corresponding Item properties.

17. (Previously presented) The computer system of claim 1 wherein each of said plurality of Categories is defined by an Item property.

18. (Original) The computer system of claim 17 wherein each of said plurality of Categories is defined by an Item property, and only Items comprising the Item property for a specific Category from among said plurality of Categories can be members of said specific Category.

19. (Original) The computer system of claim 18 wherein each Item comprising the Item property for one of said plurality of Categories are automatically members of that one of said plurality of Categories.

20. (Original) The computer system of claim 19 wherein all Items comprising one or more Item properties corresponding to one or more Categories of said plurality of Categories are automatically members of all such Categories for said corresponding Item properties.

21-22. (Canceled)

23. (Currently amended) The computer system of claim 1, wherein the operating system is managed by hardware/software interface system of claim 21 wherein said Item is a fundamental unit of information manipulated by a virtual machine manager.

24-36. (Canceled)

37. (Currently amended) A method for ~~organizing Items in computer system, the method comprising:~~

executing an operating system, the operating system including a database management program, the database management program integrated with a file system;
storing, by the file system, file data;
generating, by the database management program, Items from the file data managing,
~~by a hardware/software interface system, a plurality of Items stored in a data store, wherein~~
each Item of said plurality of items constitutes a discrete unit of information;
generating, by the database management program from the file data, Item Folders, the
Item Folders constituting managing, by the hardware/software interface system, a plurality of
~~Item Folders that constitute~~ an organizational structure for said Items, wherein the Item
Folders are a type of themselves Item[[s]] and each Item of the plurality can be a member of
at least two Item Folders but is not owned by any of said Item Folders such that the deletion
of any of said Item Folders does not automatically result in the deletion of said Item, and each
Item of the plurality can be a member of a Category of a plurality of Categories that
constitute an organizational structure for said Items, the Item Folders and the Categories
arranged in a directed graph structure;
exposing, by the database management program, the Items and the Item Folders to a
shell of the operating system
~~generating relationships between a specific Item and a subset of Item Folders in the~~
plurality of Item Folders; and
~~rendering a user interface that displays the specific Item in each Item Folders of the~~
subset, wherein any modifications to the specific Item in a specific Item Folder of the subset
are reflected in each Item Folders of the subset.

38. (Currently amended) The method of claim 37 wherein ~~[[the]]~~ at least one Item is
a member of an Item Folder but is not owned by said Item Folder, such that the deletion of
said Item Folder does not automatically result in the deletion of said at least one Item.

39. (Currently amended) The method of claim 38 wherein the at least one Item is automatically deleted when it no longer belongs to any Item Folder.

40. (Currently amended) The method of claim 38 wherein said at least one Item, when it no longer belongs to any Item Folder, automatically becomes a member of a default Item Folder.

41. (Currently amended) The method of claim 38 wherein the at least one Item is automatically deleted when it is a member of only one Item Folder and said Item Folder is deleted.

42. (Currently amended) The method of claim 38 wherein said at least one Item, when it is a member of only one Item Folder and said Item Folder is deleted, automatically becomes a member of a default Item Folder.

43. (Currently amended) A computer-readable storage medium including processor executable instructions comprising:

instructions for an operating system, the operating system including instructions for a database management program, the instructions for the database management program integrated with instructions for a file system;

instructions for storing, by the file system, file data;

instructions for generating, by the instructions for the database management program, managing a plurality of Items, said Item comprising a discrete unit of information from the file data;

instructions for generating, by the instructions for the database management program, managing a plurality of Item Folders from the file data, the Item Folders including that constitute an organizational structure for said Items, wherein said Item Folders are themselves Items and each Item Folder includes membership information identifying any relationships with Items and the Item Folders are themselves a type of Item;

instructions for generating, by the instructions for the database management program, managing a plurality of Categories from the file data, the Categories constituting that constitute an organizational structure for said Items, the categories arranged in a directed graph structure;

instructions for exposing, by the database management program, the Items to a shell of the operating system

instructions for generating relationships between a specific Item and a subset of Item Folders in the plurality of Item Folders, and

instructions for rendering a user interface that displays the specific Item in each Item Folder of the subset, wherein any modifications to the specific Item in a specific Item Folder of the subset are reflected in each Item Folder of the subset.

44. (Currently amended) The computer-readable medium of claim 43 wherein at least one [[the]] Item is a member of an Item Folder but is not owned by said Item Folder, such that the deletion of said Item Folder does not automatically result in the deletion of said Item.

45. (Currently amended) The computer-readable medium of claim 44 wherein the at least one Item is automatically deleted when it no longer belongs to any Item Folder.

46. (Currently amended) The computer-readable medium of claim 44 wherein said at least one Item, when it no longer belongs to any Item Folder, automatically becomes a member of a default Item Folder.

47. (Currently amended) The computer-readable medium of claim 44 wherein the at least one Item is automatically deleted when it is a member of only one Item Folder and said Item Folder is deleted.

48. (Currently amended) The computer-readable medium of claim 44 wherein said at least one Item, when it is a member of only one Item Folder and said Item Folder is deleted, automatically becomes a member of a default Item Folder.

49-60. (Canceled)